

5th 23rd Abstract of the Invention

A method and apparatus for processing graphics primitives that includes a trivial discard guard band. Such a trivial discard guard band is used for comparison operations with the vertices of graphics primitives to determine whether the graphics primitives can be trivially discarded such that no further processing of the primitives is performed. The trivial discard guard band may be based on the specific dimensions of primitives such as one-half of the width of line primitives or the radial dimension of point primitives such that the rasterization area of such primitives is taken into account when trivial discard decisions are performed.